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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/752,395 | 01/06/2004 | Sung-Chul Yang | 678-1316 | 3577 |

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| 66547 | 7590 | 05/09/2007 |
| THE FARRELL LAW FIRM, P.C. | | |
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| UNIONDALE, NY 11553 | | |

| EXAMINER |
|-------------------|
| PEYTON, TAMMARA R |

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 2182 | |

| MAIL DATE | DELIVERY MODE |
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| 05/09/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|--|--|
| Office Action Summary | Application No. 10/752,395 | Applicant(s) YANG, SUNG-CHUL | |
| | Examiner Tammara R. Peyton | Art Unit 2182 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Vesikivi et al., (US 6,978,118).

As per claims 1-16, Vesikivi teaches an apparatus for managing an address book in a portable wireless terminal, the apparatus comprising:
a radio frequency identification (RFID) recognition section for receiving information transmitted from an RFID chip after transmission of an electric wave; storing and reading received information, and structuring address book data using read information so as to be suitable for the address book (Fig. 8, col. 9, lines 3-col. 10, lines 1-33) ; a display section for displaying data for management of the address book; a user command input section for inputting a command for an address book management by a user; an address book storage section for storing information; and a control section for controlling an operation of the RFID recognition section, so as to transmit the converted

data to the address book storage section according to a user command, thereby storing the data. (Vesikivi, cols. 2-10)

Vesikivi teaches a system including a portable wireless terminal that receives and transmits information including information for updating an address book located on the portable wireless terminal using RFID. It would have been obvious to one of ordinary skill at the time the invention was made that Vesikivi specifically teaches wherein a RFID business card can communicate with the portable wireless terminal in order to update an address book, e-mail, or calendar information on the portable wireless terminal; because, Vesikivi teaches wherein the user is given the opportunity to selectively store the updated data or disregard the information received from the business card.

Response to Applicant's Arguments

Applicant argues that Vesikivi does not teach "***structuring address book data using read information so as to be suitable for the address book***". Examiner disagrees with Applicant. Vesikivi does not expressly use the word "structuring" or "data conversion" however Vesikivi does disclose:

The RFID transponders are passive or active and capable of transmitting data signals to the RFID reader in the personal communication device or to RFID reader being connected to the personal communication device. *The RFID transponders on the data carrier will transmit data signals wirelessly to the RFID reader in the personal communication device where the RFID reader decodes the data signals. After decoding, the central processor of the personal communication device uses at least a portion of the data received from the data*

carrier to execute a communication connection with another device or data network..... The user scans the business card using the RFID reader in the personal communication device. The data is decoded and processed by the personal communication device. The personal communication device then uses the data to display options to the user related to the third party data received by the data carrier. For example, the options as viewed by the user may include, "would you like to call the third party?"; "would you like to connect to the third party website?"; or "would you like to send an e-mail to the third party?" Once the user make a selection, the personal communication device will establish a communication connection to another device using at least part of the data received from the data carrier. At least a portion of the data transmitted by the data carrier is related to the owner of the RFID business card. Additionally, the RFID reader in the personal communication device may include software to establish communication with other device applications such as SMS, WAP browser, address book, phone book, e-mail, calender and map applications. (col.3)

Examiner is taking the position that Vesikivi does not just read the data, as argued by Applicant, Vesikivi specifically teaches using the data read via the RFID reader to further decode the data read and using to data to execute a communication application and/or further use the decoded data to update an address book, e-mail, or calendar information on the portable wireless terminal. Therefore, one of ordinary skill was readily recognize that at least one part of the data read is an identification data that is decoded/structured and further stored in the memory location and also used to execute a communication application and/or further update an address book. Please see previous Office Action for the basic definition of a decoder from Microsoft Press: Computer Dictionary regarding the RFID reader's (24) decoder logic.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammara Peyton whose telephone number is (571) 272-4157. The examiner can normally be reached between 6:30 - 4:00 from Monday to Thursday, (I am off every first Friday), and 6:30-3:00 every second Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Huynh can be reached on (571) 272-4147. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2100.

Mailed responses to this action should be sent to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231.

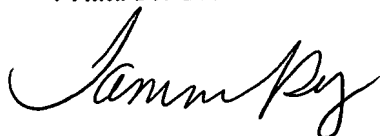
Faxes for Official/formal (After Final) communications or for informal or draft communications (please label "PROPOSED" or "DRAFT") sent to:

(571) 273-8300

Hand-delivered responses should be brought to:

USTPO, Randolph Building, Customer Service Window
401 Dulany Street
Alexandria, VA 22314.

TAMMARA PEYTON
PRIMARY EXAMINER



Tammara Peyton

May 6, 2007